Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

Product Brochure For T8221

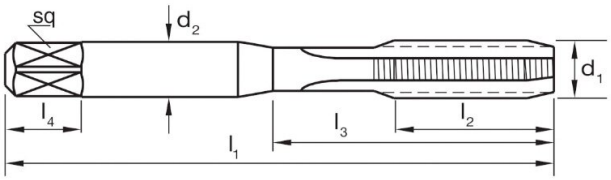
# M14 x 1.25mm HSS Straight Flute 3 Piece Hand Tap Set

Metric Extra Fine Pitch

| Ex GST | Inc GST |
|---|---|
| $104.00 | $119.60 |



| | |
|---|---|
| ORDER CODE: | T8221 |
| Part Number: | ~ |
| Set Includes (Tap Profile): | Taper - Intermediate - Plug |
| Flute Type: | Straight |
| d1 - Tap Size (Diameter) (Ø / mm): | M14 |
| d2 - Shank Diameter (Ø / mm): | 11.0 |
| Pitch (TPI): | 1.25mm |
| Pitch Type (TPI): | Extra Fine |
| Thread Form (Type): | Metric |
| Standard (DIN): | ISO 529 |
| l1 - Length (mm): | 95 |
| l2 - Flute Length (mm): | 30.0 |
| l4 - Square Length (mm): | 12.0 |
| Square Across Flats (mm): | 9.00 |
| Drill Tapping Size (Diameter) (Ø / mm): | 12.8 |




## Description

A premium-quality 3-piece hand tap set designed for accurate, controlled cutting of metric internal threads. The set includes taper, intermediate and plug taps, allowing the thread to be progressively cut in stages for greater control, reduced cutting load and a clean, accurate finish.

Manufactured from M35 High Speed Steel with 5% cobalt, these taps provide excellent hardness, heat resistance and cutting-edge durability. A TiCN (Titanium Carbonitride) coating provides increased wear resistance for extended tool life, while precision CNC-ground threads ensure excellent accuracy and consistent thread formation.

Ideal for machining, fabrication, maintenance, repair and general workshop applications, the complete set is supplied in a convenient storage case to keep all three taps protected and organised.

## Features

- Complete 3-piece hand tap set for progressive and controlled thread cutting
- M35 High Speed Steel with 5% cobalt for excellent hardness, heat resistance and durability
- TiCN coating provides increased wear resistance and helps extend tool life
- Precision CNC-ground threads for clean, accurate and consistent thread formation
- Straight flute design ideal for general-purpose hand tapping
- Metric pitch thread form
- Manufactured to ISO 529 Standard
- Supplied in a handy storage case for protection and organisation

## Includes

- 1 x Taper
- 1 x Intermediate
- 1 x Plug

Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

Product Brochure For T8221

TOOLMASTER

HSS 5% Cobalt

TiCN Coating

# Hand Tap Sets

TAPER • INTERMEDIATE • PLUG

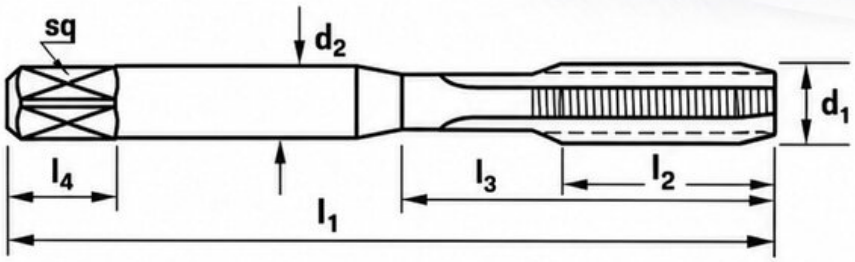
ACCURATE • DURABLE • PROFESSIONAL RESULTS




**PRECISION GROUND THREADS**
For accurate, reliable results.

**PREMIUM MATERIALS**
HSS with 5% cobalt and TiCN coating for increased wear resistance and longer tool life.

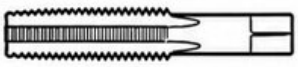
**COMPLETE SET**
Includes taper, intermediate and plug tap.



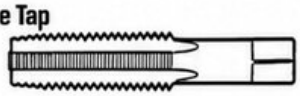

| $d_1$ | $l_1$ | $l_2$ | $l_3$ | $l_4$ | $d_2$ | sq |
|---|---|---|---|---|---|---|
| Thread Diameter | Overall Length | Thread Length | Flute Length | Square Length | Shank Diameter | Square Size |

## TAP SEQUENCE

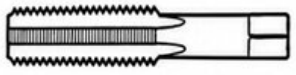
1 **Taper Tap**
8–10 threads



2 **Intermediate Tap**
3–4 threads



3 **Plug Tap**
1–2 threads



Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

# Product Brochure For T8221

## Specific Features




M14 X 1.25mm Tap Set

## Recommended Accessories

D1272
Metric 135º Precision HSS M35 COBALT Drill Set - 25 Piece



D1282
Imperial 135º Precision HSS M35 COBALT Drill Set - 29 Piece



D126
Metric 135º Precision HSS M35 COBALT Drill Set - 170 Pieces



C289
Heavy Duty Drill Chuck - Keyed Type



C290
Heavy Duty Drill Chuck - Keyed Type



C292
Industrial Drill Chuck - Keyless Type



C294
Industrial Drill Chuck - Keyless Type



T012
Metric Alloy Steel Tap & Die Set - 32 Piece



Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

# Product Brochure For T8221

T013
Metric HSS Tap & Die Set - 32 Piece



T014
Metric Alloy Steel Tap & Die Set - 45 Piece



T015
Imperial Alloy Steel Tap & Die Set - 45 Piece



D502
HSS Centre Drill - No. 2



D503
HSS Centre Drill - No.3



D504
HSS Centre Drill - No. 4



D505
HSS Centre Drill - No. 5



T019
Metric HSS Hand Tap & Drill Set - 29 Piece



D107
HSS Step Drill Sets



D106
Countersink Sets – 90° Three Flute




D105
Deburring Countersink Sets – 90° Cross Hole

